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Combs

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(54) **PERSONAL WEATHER SHELTER**

(76) Inventor: **Oscar Combs**, Houston, TX (US)

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(51) **Int. Cl.**

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A47C 7/66	(2006.01)
A47C 7/02	(2006.01)

(52) **U.S. Cl.**

CPC .. ***A47C 7/66*** (2013.01); ***A47C 7/021*** (2013.01)

(58) **Field of Classification Search**

USPC 297/184.1, 184.11, 184.15, 252, 352, 297/184.16, 184.17; 135/900

See application file for complete search history.

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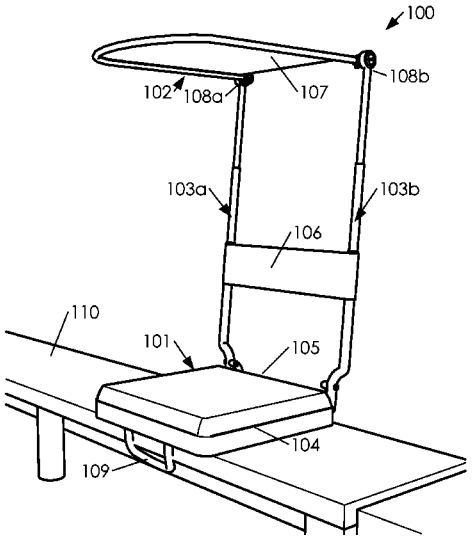
Primary Examiner — Laurie Cranmer

(74) *Attorney, Agent, or Firm* — Law Office of Shannon Warren, PLLC; Shannon L. Warren

(57) **ABSTRACT**

A personal weather shelter is disclosed comprising a seat portion, a shelter portion, one or more arms, one or more screw assemblies, and one or more rotating assemblies. Said seat portion comprises a base, a seat back, a front, a back, a first side, a second side, a top and a bottom. Said arms each comprise a first end and a second end. Said first ends of said arms each attach to said seat portion with said screw assembly and are each capable of rotating on said screw assemblies relative to said seat portion. Said shelter portion is capable of attaching and rotating relative to said second ends of each of said arms with said rotating assemblies. Said personal weather shelter is capable of transitioning between an open configuration and a closed configuration by rotating arms about screw assemblies and shelter portion about rotating assemblies.

16 Claims, 15 Drawing Sheets



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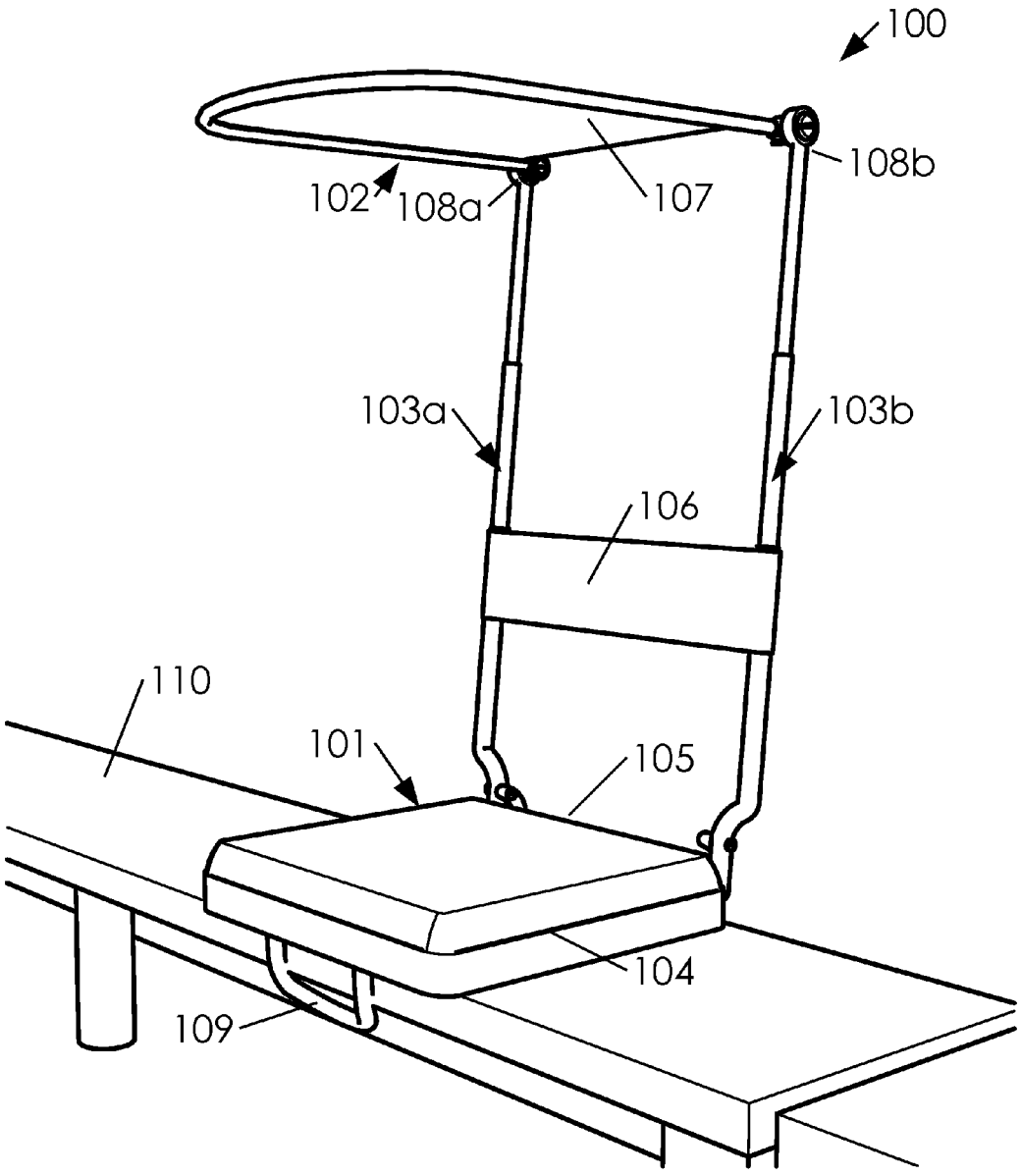

Fig. 1A

Fig. 1B

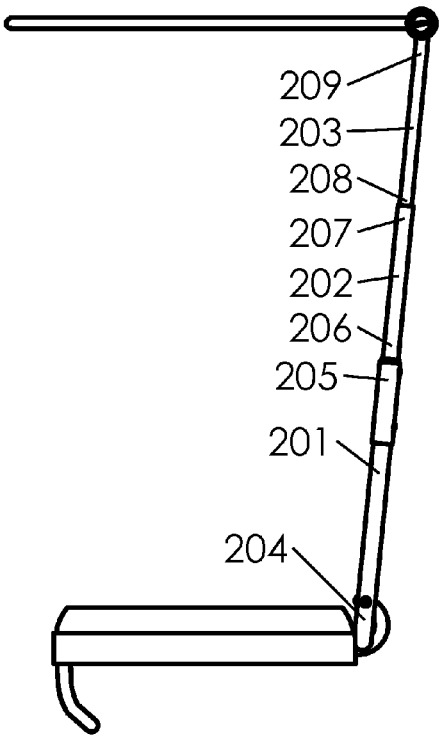
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Fig. 2A

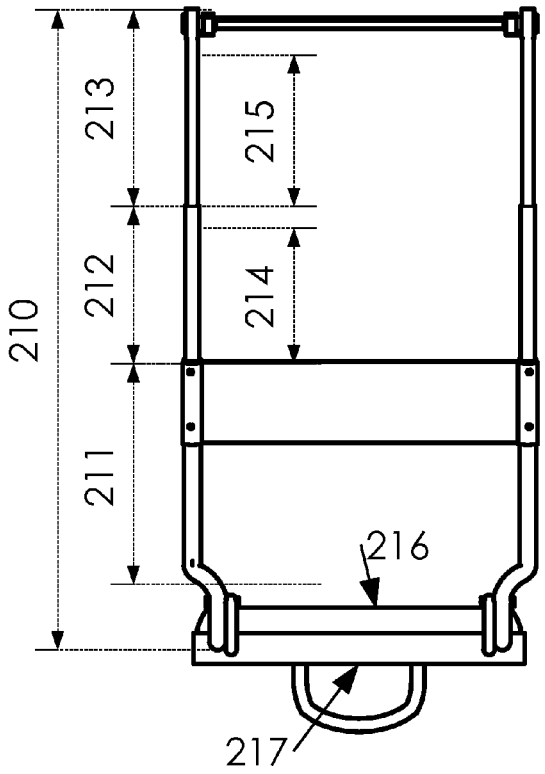
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Fig. 2B

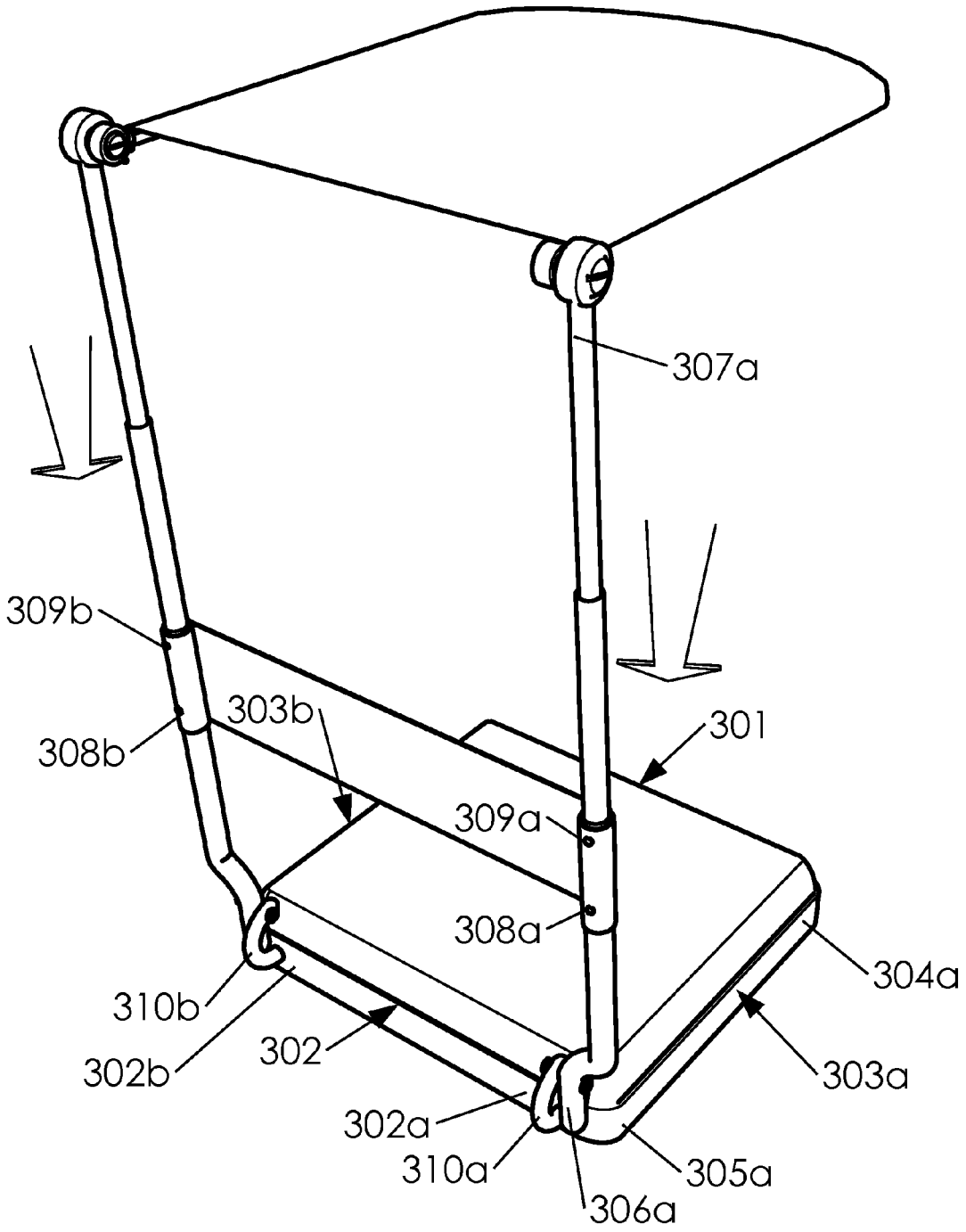
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Fig. 3

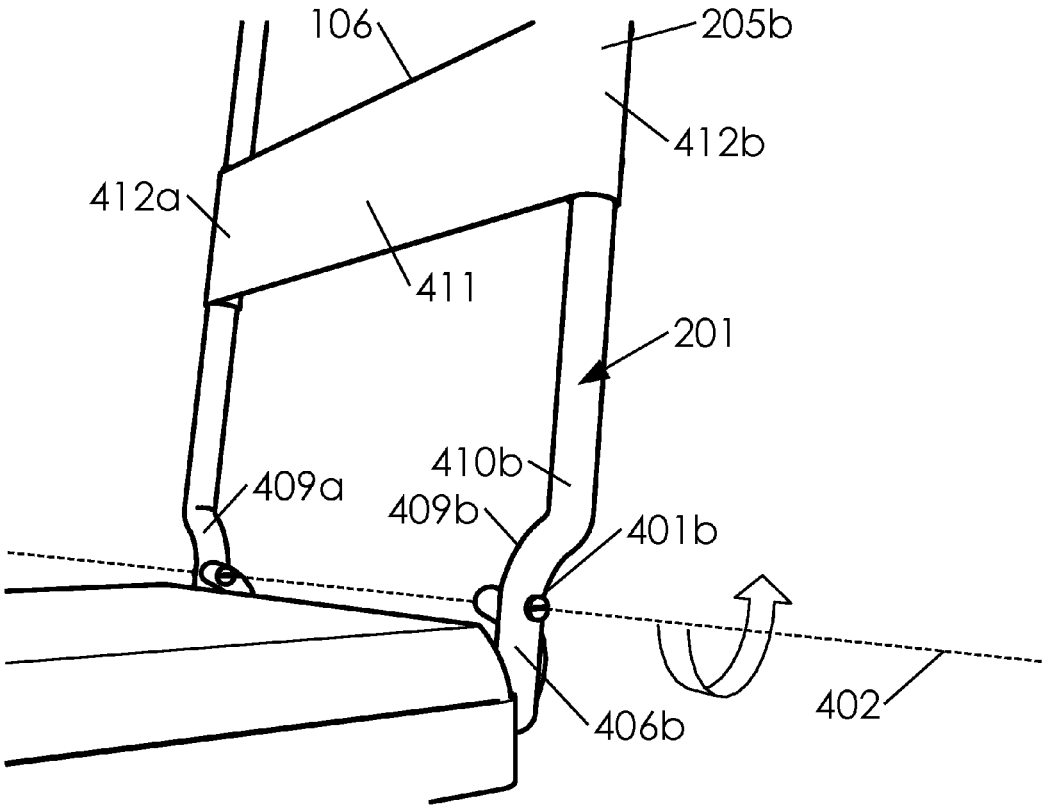
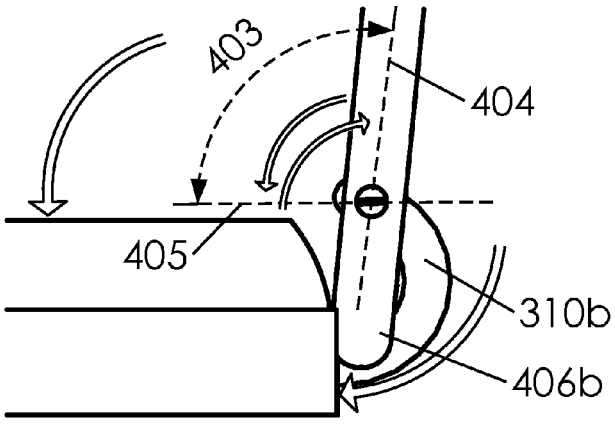


Fig. 4A



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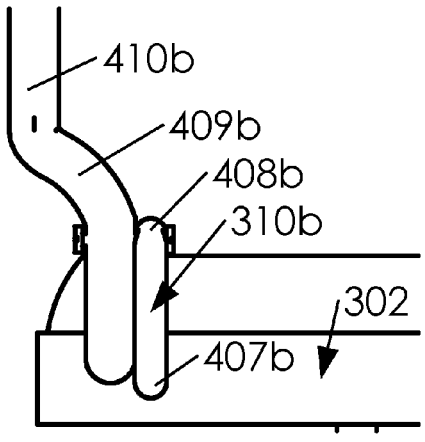
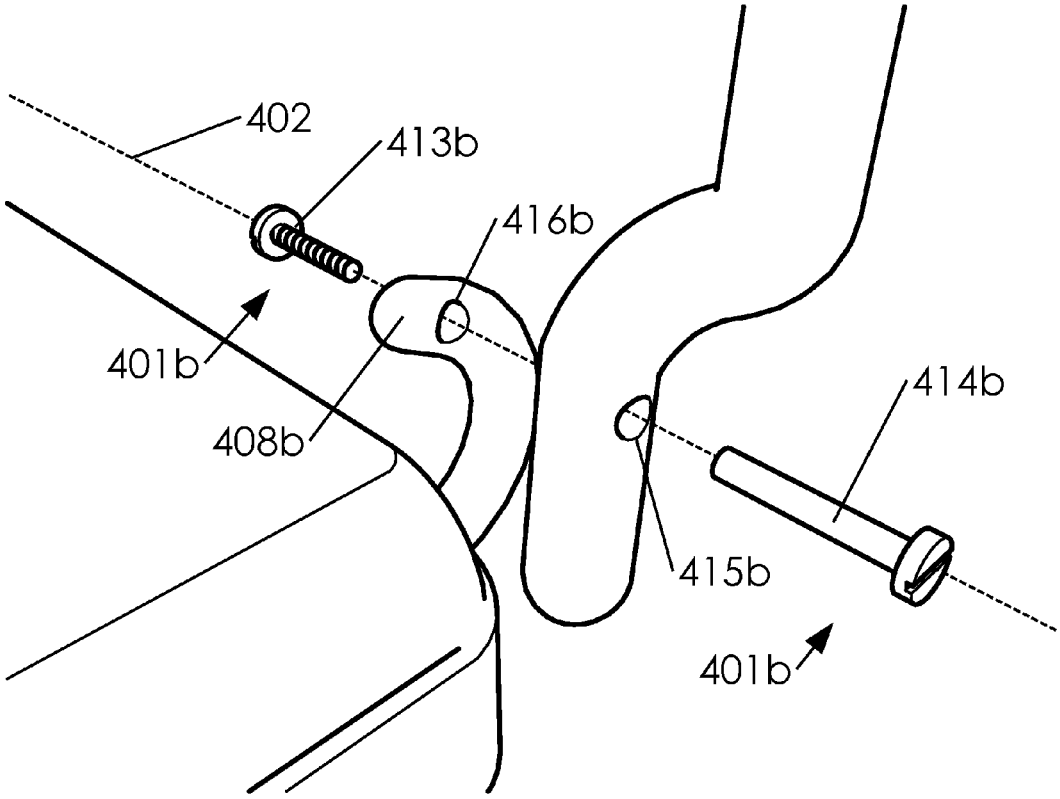


Fig. 4C



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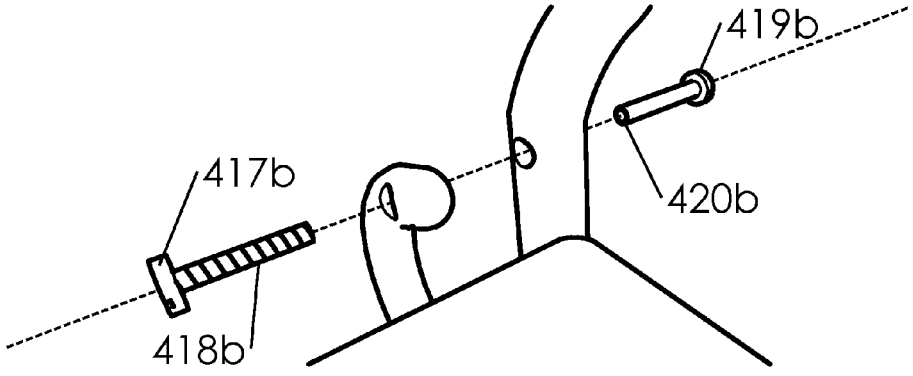

Fig. 4E

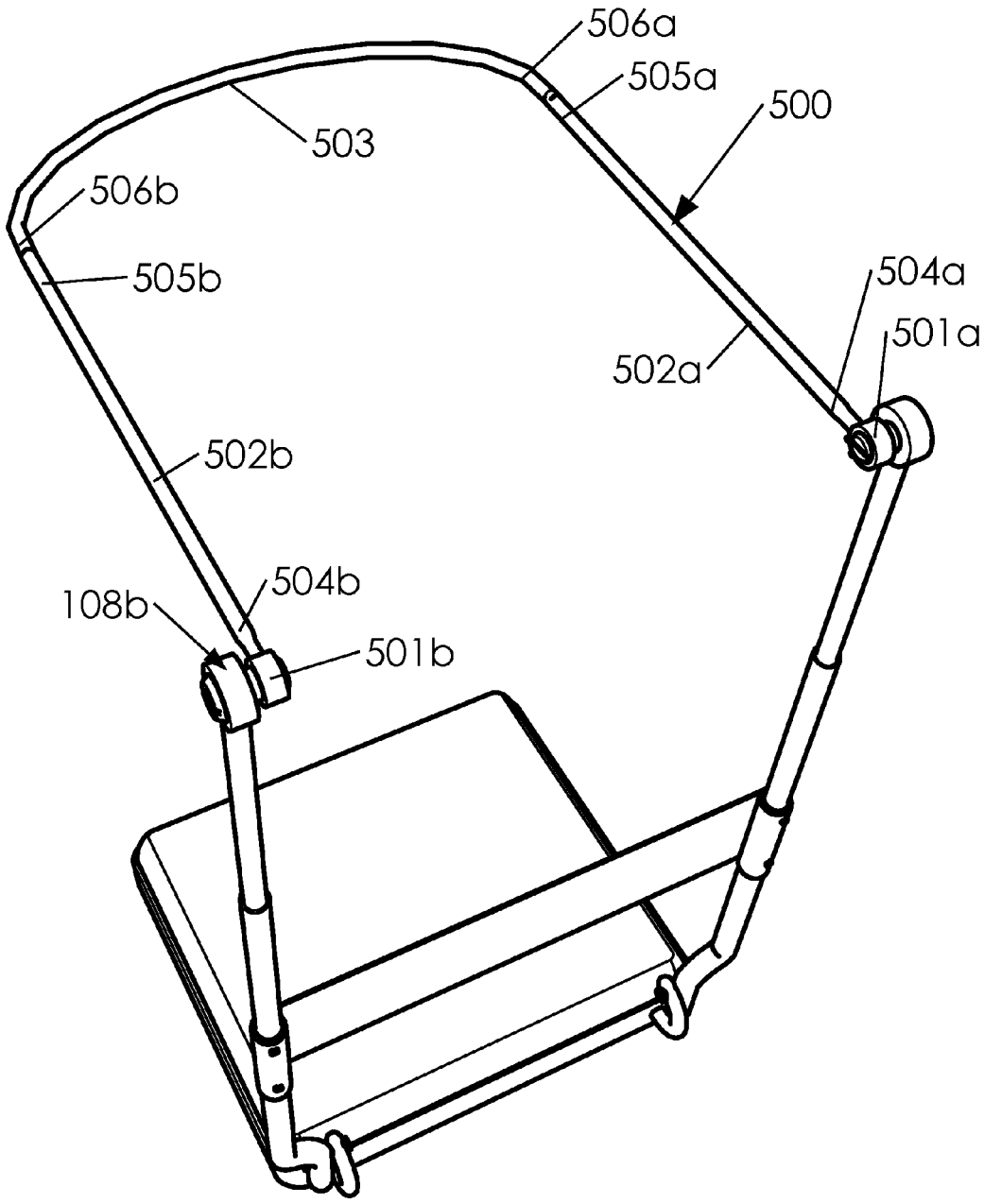
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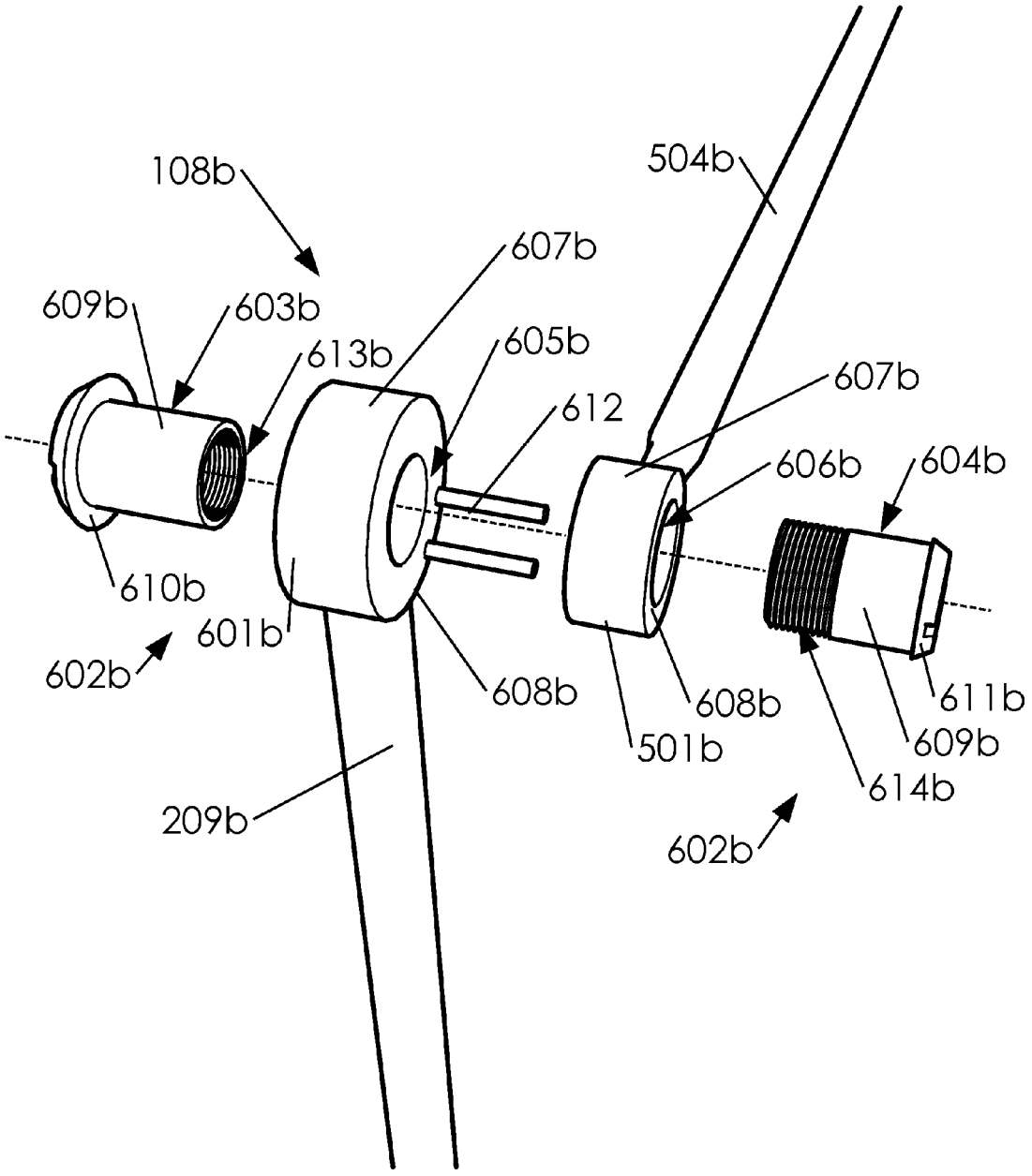
Fig. 5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614b
209b
602b

Fig. 6

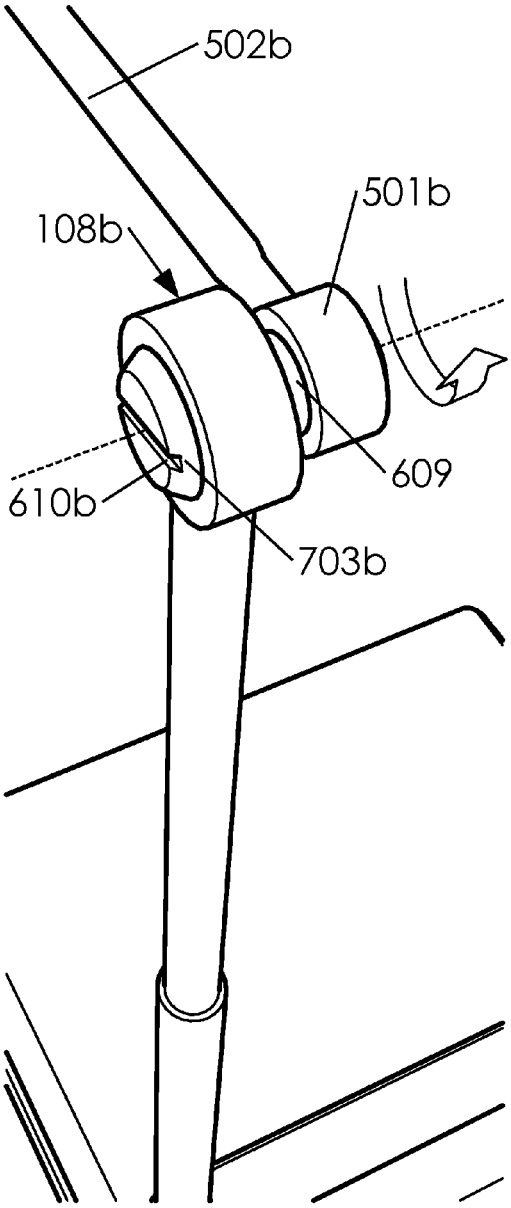

Fig. 7A

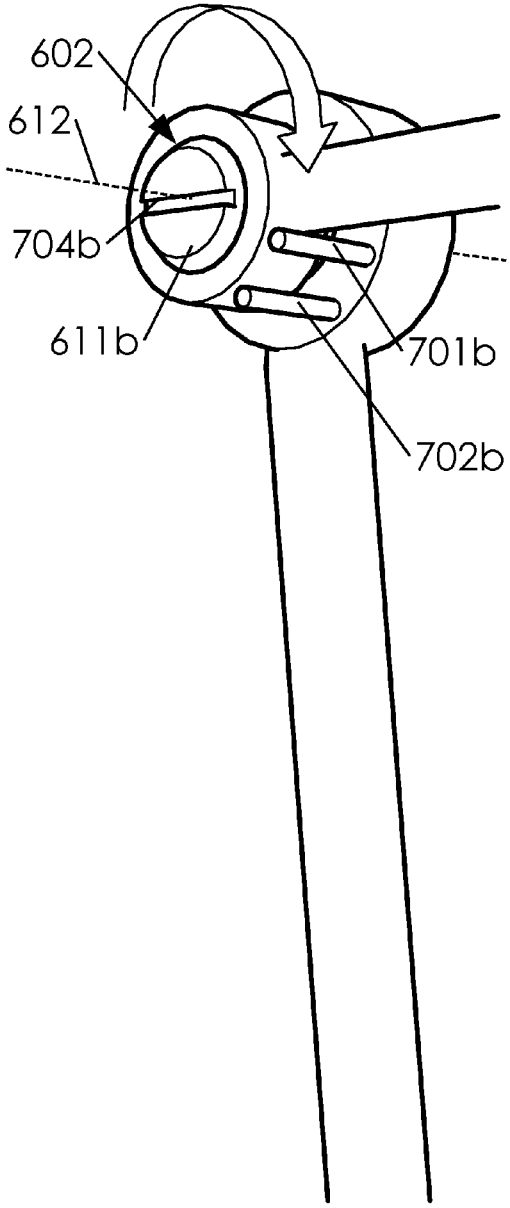

Fig. 7B

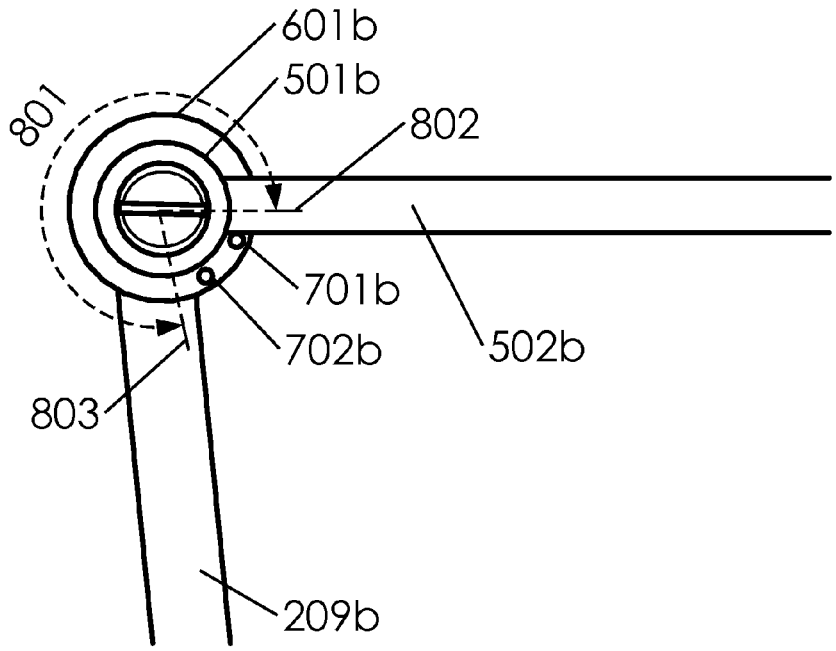

Fig. 8A

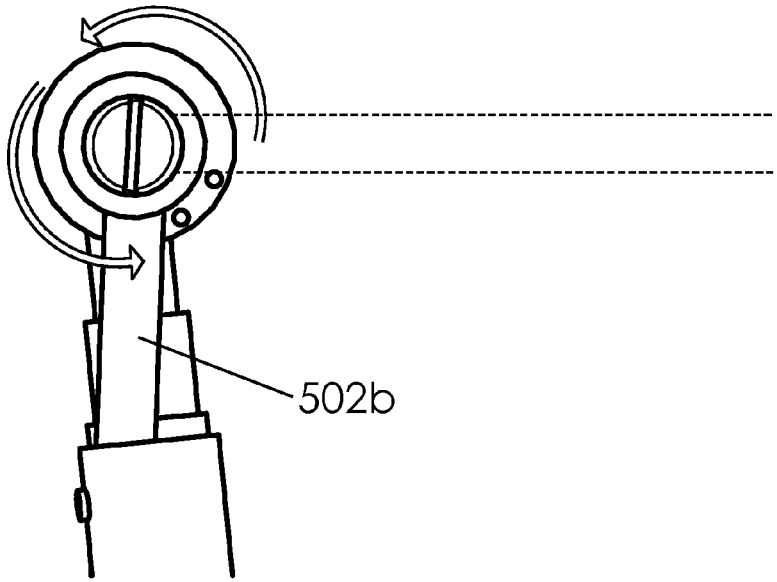

Fig. 8B

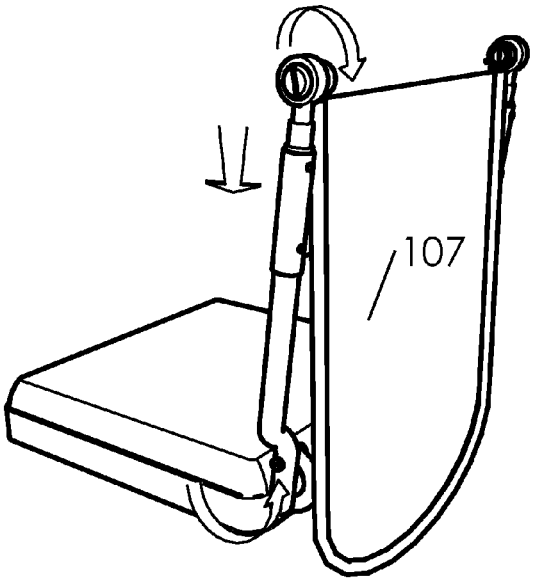

Fig. 9A

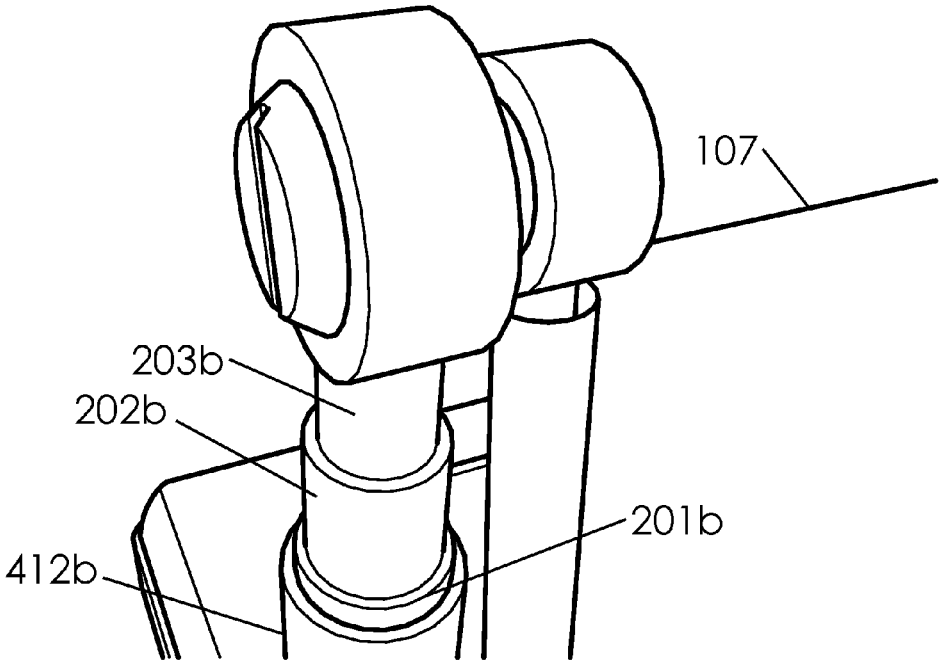

Fig. 9B

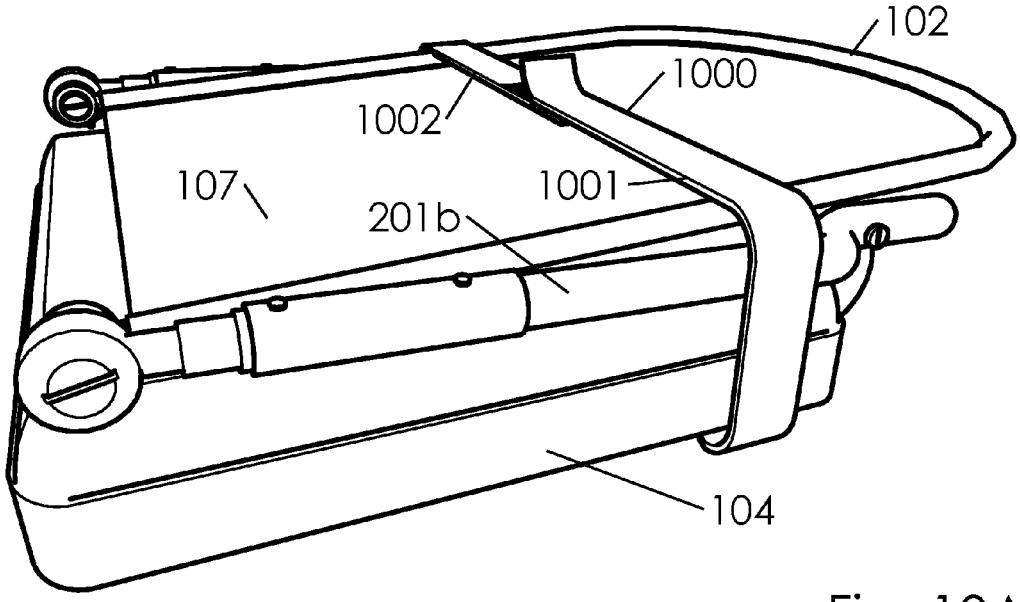

Fig. 10A

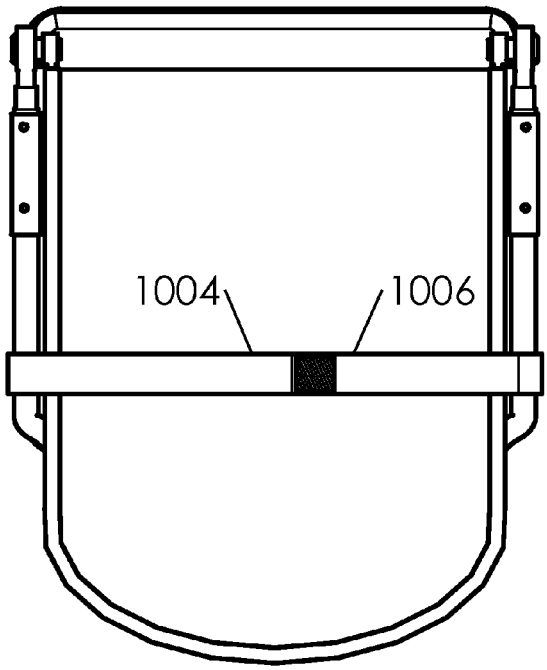

Fig. 10B

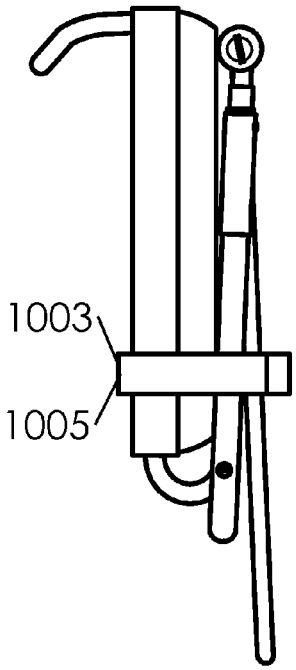

Fig. 10C

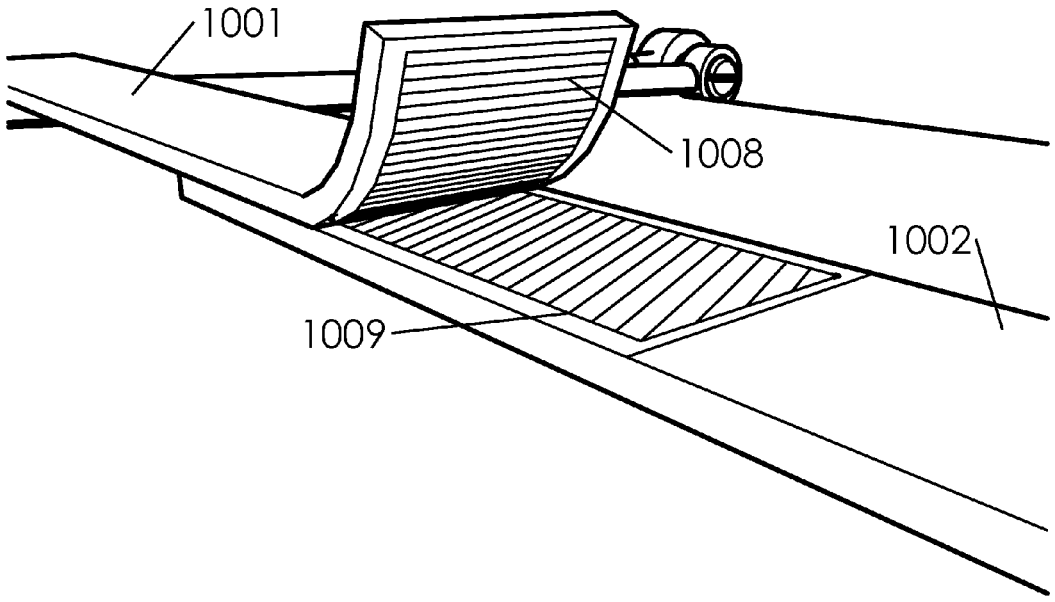

Fig. 10D

Fig. 11

Fig. 12

PERSONAL WEATHER SHELTER

BACKGROUND

This disclosure relates generally to a personal weather shelter.

Weather shelters are commonly used at spectator events but are usually limited to umbrellas and rain jackets. These technologies, however, require attention (in the case of an umbrella) to remain above a user and providing shelter to said user. Likewise, jackets may be uncomfortable and hot where conditions are not well suited to their use.

Other forms of weather shelters exist. For example, a tent is convenient when camping or standing on flat ground, but cannot be used in many spectator environments (such as a sports stadium).

Weather shelters designed for spectator environments are largely unusable due to limitations in material quality, structural defects and poor design.

None of the prior weather shelters, taken either singularly or in combination, are seen to describe the instant disclosure as claimed. Accordingly, an improved personal weather shelter would be advantageous.

SUMMARY

A personal weather shelter is disclosed. Said personal weather shelter comprising a seat portion, a shelter portion, one or more arms, one or more screw assemblies, and one or more rotating assemblies. Said seat portion comprises a base, a seat back, a front, a back, a first side, a second side, a top and a bottom. Said first side and said second side can each comprise a front end and a back end. Said arms each comprise a first end and a second end. Said first ends of said arms each attach to said seat portion with said screw assembly. Said arms are each capable of rotating on said screw assemblies relative to said seat portion. Said second ends of said arms each attach to said shelter portion with said rotating assemblies. Said shelter portion is capable of rotating on said rotating assemblies relative to said arms. Said personal weather shelter is capable of transitioning between an open configuration and a closed configuration by rotating arms about screw assemblies and shelter portion about rotating assemblies.

BRIEF DESCRIPTION OF THE DRAWINGS

FIGS. **1**A and **1**B illustrate a first and second front perspective view of a personal weather shelter.

FIGS. **2**A and **2**B illustrate an elevated side view and an elevated back view of personal weather shelter.

FIG. **3** illustrates a perspective rear view of personal weather shelter.

FIGS. **4**A, **4**B and **4**C illustrate a second side perspective view, a second side elevated view and a rear elevated view of seat portion and arms.

FIGS. **4**D and **4**E illustrate a front perspective exploded view of screw assemblies.

FIG. **5** illustrates a top rear perspective view of a shelter frame with arms and seat portion.

FIG. **6** illustrates a rear perspective exploded view of rotating assembly.

FIGS. **7**A and **7**B illustrate a second side perspective view and a first side perspective view of first end cap and second end cap.

FIGS. **8**A and **8**B illustrate a first side elevated view of second side portion in an open position and a closed position, respectively.

FIGS. **9**A and **9**B illustrate personal weather shelter transitioning between an open configuration and a closed configuration.

FIGS. **10**A, **10**B and **10**C illustrate a rear first side perspective view, a top elevated view and second side elevated view of personal weather shelter in said closed configuration.

FIG. **10**D illustrates a top perspective view of strap.

FIG. **11** illustrates personal weather shelter in said open configuration and in use.

FIG. **12** illustrates personal weather shelter with a curtain.

DETAILED DESCRIPTION

Described herein is a personal weather shelter. The following description is presented to enable any person skilled in the art to make and use the invention as claimed and is provided in the context of the particular examples discussed below, variations of which will be readily apparent to those skilled in the art. In the interest of clarity, not all features of an actual implementation are described in this specification. It will be appreciated that in the development of any such actual implementation (as in any development project), design decisions must be made to achieve the designers' specific goals (e.g., compliance with system- and business-related constraints), and that these goals will vary from one implementation to another. It will also be appreciated that such development effort might be complex and time-consuming, but would nevertheless be a routine undertaking for those of ordinary skill in the field of the appropriate art having the benefit of this disclosure. Accordingly, the claims appended hereto are not intended to be limited by the disclosed embodiments, but are to be accorded their widest scope consistent with the principles and features disclosed herein.

FIGS. **1**A and **1**B illustrate a first and second front perspective view of a personal weather shelter **100**. Personal weather shelter **100** can comprise a seat portion **101**, a shelter portion **102**, and one or more arms **103**. Arms **103** can comprise a first arm **103***a* and a second arm **103***b*. Seat portion **101** can comprise a base **104**, a seat cushion **105**, and a seat back **106**. In one embodiment, base **104** can receive seat cushion **105**. Shelter portion **102** can comprise a top **107** and one or more rotating assemblies **108**. Rotating assemblies **108** can comprise a rotating assembly **108***a* and a rotating assembly **108***b*. Seat portion **101** can further comprise a grip **109**. In one embodiment, personal weather shelter **100** can be used on a stadium bench **110**. In one embodiment, base **104** is capable of stacking on stadium bench **110**. In one embodiment, personal weather shelter **100** can support a user **111**; wherein, user **111** can sit upon seat cushion **105** and lean against seat back **106**. In one embodiment, grip **109** can hold personal weather shelter **100** on stadium bench **110** by wrapping around a front portion of stadium bench **110** to prevent personal weather shelter **100** from sliding off of stadium bench **110** when user **111** sits on personal weather shelter **100**.

For this disclosure, a nomenclature (naming system) has been employed wherein numbers represent a part and a letter represents a side designation. Said side designation refers to a first side and a second side of personal weather shelter **100**. Said first side has been represented by the letter "a" and said second side has been represented by the letter "b". So, for example, first arm **103***a* represents one of arms **103** on said first side and second arm **103***b* represents one of arms **103** on said second side.

FIGS. **2**A and **2**B illustrate an elevated side view and an elevated back view of personal weather shelter **100**. In one embodiment, arms **103** can comprise a plurality of telescoping portions capable of extending and contracting within one another. In one embodiment, each of arms **103** can comprise a first portion **201**, a second portion **202**, and a third portion **203**. For example, in one embodiment, second arm **103***b* can comprise a first portion **201***b*, a second portion **202***b*, and a third portion **203***b*. Likewise, in one embodiment, first arm **103***a* can comprise a first portion **201***a*, a second portion **202***a*, and a third portion **203***a*. Each of first portions **201** can comprise a first end **204** and a second end **205**. Each of second portion **202** can comprise a first end **206** and a second end **207**. Each of **203** can comprise a first end **208** and a second end **209**. In one embodiment, arms **103** can comprise a length **210**. Length **210** can comprise a maximum length **210***a* and a minimum length **210***b*. In one embodiment, first portion **201** can comprise a length **211**, second portion **202** can comprise a length **212**, and/or third portion **203** can comprise a length **213**. In one embodiment, a hidden portion **214** of second portion **202** can slide into first portion **201**. In one embodiment, a hidden portion **215** of third portion **203** can slide into second portion **202**. In one embodiment, seat portion **101** can comprise a top **216** and a bottom **217**.

FIG. **3** illustrates a perspective rear view of personal weather shelter **100**. In one embodiment, arms **103** can comprise a plurality of telescopic cylinders capable of extending from a contracted configuration to an extended configuration. In one embodiment, first portion **201**, second portion **202**, and third portion **203** can comprise said plurality of telescopic cylinders. In one embodiment, first portion **201** can comprise an external cylinder (or "main" cylinder), second portion **202** can slide in and out of first portion **201**, and third portion **203** can slide in and out of second portion **202**. In one embodiment, third portion **203** can comprise an internal cylinder (or "plunger") of said plurality of telescopic cylinders. In one embodiment, arms **103** can extend and contract based upon a length of first portion **201**, second portion **202** and third portion **203** relative to one another. In one embodiment, arms **103** transition between said extended configuration and said contracted configuration by extending and contracting said plurality of telescopic cylinders. In one embodiment, said extended configuration can comprise first portion **201**, second portion **202** and third portion **203** extending to maximum length **210***a*. In one embodiment, said contacted configuration can comprise first portion **201**, second portion **202**, and third portion **203** contracting to minimum length **210***b*. In one embodiment, said plurality of telescopic cylinders can comprise 2, 3, 4, 5, or more portions each. In one embodiment, like a spring loaded umbrella, said plurality of telescopic cylinders can further comprise an internal spring pressing said first portion **201** apart from third portion **203**, a top spring and a bottom spring; wherein, said top spring can hold arms **103** in said extended configuration and said bottom spring can hold arms **103** in said contracted configuration.

In one embodiment, seat portion **101** can comprise a front **301**, a back **302**, a first side **303***a* and a second side **303***b*. Back **302** can comprise a first side **302***a* and a second side **302***b*. In one embodiment, each of first side **303***a* and second side **303***b* can comprise a front end **304** and a back end **305**. First side **303***a* can comprise a front end **304***a* and a back end **305***a*. Second side **303***b* can comprise a front end **304***b* and a back end **305***b*.

Each of arms **103** can comprise a first end **306** and a second end **307**.

In one embodiment, seat back **106** can attach between arms **103** with a plurality of pins. In one embodiment, said plurality of pins can comprise a first pin **308***a*, a first pin **308***b*, a second pin **309***a*, and a second pin **309***b*.

In one embodiment, each of arms **103** can attach to said seat portion **101** with a hinge extender **310**. Hinge extender **310** can comprise a first extender **310***a* and a second extender **310***b*.

FIGS. **4**A, **4**B and **4**C illustrate a second side perspective view, a second side elevated view and a rear elevated view of seat portion **101** and arms **103**. In one embodiment, arms **103** with shelter portion **102** can fold to an open position and a closed position. In one embodiment, each first end **306** of arms **103** can attach to hinge extender **310** and hinge extender **310** can attach to back **302** of base **104**. In one embodiment, each of first ends **306** can attach to hinge extender **310** with a screw assembly **401**. In one embodiment, first arm **103***a* can attach to first side **302***a* with a first screw assembly **401***a*. In one embodiment, second arm **103***b* can attach to second side **302***b* with a second screw assembly **401***b*.

In one embodiment, each of arms **103** can rotate about a central axis **402** on screw assemblies **401**. In one embodiment, arms **103** can rotate around central axis **402** through a range of positions **403**. For example, in one embodiment, range of positions **403** can comprise an open position **404** and a closed position **405**. In one embodiment, arms **103** can transition between open position **404** and closed position **405** by rotating about central axis **402** on screw assembly **401**. In one embodiment, a lower portion **406** of first end **306** attaches below screw assembly **401**; wherein, rotating arms **103** into open position **404** can comprise rotating arms **103** relative to seat portion **101** until lower portion **406** hits and presses against back **302**. In one embodiment, rotating arms **103** into closed position **405** can comprise rotating arms **103** relative to seat portion **101** until a portion of arms **103** or seat back **106** hits and presses against seat portion **101**. Thus, in one embodiment, personal weather shelter **100** has reached: open position **404** when lower portion **406** hits said back **302** and closed position **405** when a portion of arms **103** or seat back **106** hits said seat portion **101**. In another embodiment, range of positions **403** can be limited by a limitation on rotary movement upon screw assembly **401**.

In one embodiment, hinge extenders **310** can each comprise a substantially round cross-section and/or an overall arched shape. In one embodiment, hinge extender **310** can comprise a first end **407** and a second end **408**. In one embodiment, first ends **407** of hinge extenders **310** can each attach to back **302** at first side **302***a* and second side **302***b*, respectively. In one embodiment, hinge extenders **310** can arch backward, up and then forward from first end **407** to second end **408**. In one embodiment, arms **103** can each attach to second ends **408** of hinge extenders **310**. In one embodiment, second ends **408** can be substantially rounded. In one embodiment, central axis **402** can be above and behind seat portion **101**.

In one embodiment, first end **306** can comprise a substantially round cross-section. In one embodiment, each of first end **306** of arms **103** can comprise an elbow **409**; wherein, each first portion **201** of arms **103** can comprise lower portion **406**, elbow **409** and a straight portion **410**. In one embodiment, straight portion **410** can receive second portion **202** in said plurality of telescoping portions. In one embodiment, starting with first end **204**, first portion **201** can comprise lower portion **406** can comprise a substantially straight portion of first portion **201** extending substantially upward toward screw assembly **401**, elbow **409** can comprise a bent portion of first portion **201** extending outward away from screw assembly **401** and upward, and first portion **201** can comprise a substantially straight portion of first portion **201** extending substantially upward. In one embodiment, lower

portion **406**, elbow **409** and straight portion **410** can comprise on piece of bent material. In another embodiment, lower portion **406**, elbow **409**, and straight portion **410** can comprise a plurality of pieces of material attached together by a bonding means, such as welding.

Seat back **106** can comprise a middle portion **411** and two end portions **412**. End portions **412** can comprise a first end portion **412***a* and a second end portion **412***b*. In one embodiment, seat back **106** can be attached between first portions **201** of arms **103** by attaching end portions **412** to second ends **205**. In one embodiment, end portions **412** can attach to second ends **205** by wrapping end portions **412** around second end **205** and securing end portions **412** with said plurality of pins; e.g., first end portion **412***a* can be secured with first pin **308***a* and second pin **309***a*, and second end portion **412***b* can be secured with first pin **308***b* and second pin **309***b*. In one embodiment, tension in middle portion **411** can provide back support to user **111** of personal weather shelter **100** by connecting end portions **412** to arms **103** with minimal slack in middle portion **411**. In one embodiment, end portions **412** can attach to first portions **201** by wrapping and securing end portions **412** around second ends **205**.

FIGS. **4**D and **4**E illustrate a front perspective exploded view of screw assemblies **401**. Screw assembly **401** can each comprise a first portion **413** and a second portion **414**. First end **306** of each of arms **103** can comprise an eye **415**. Each of second end **408** can comprise an eye **416**. In one embodiment, screw assembly **401** can hold each first end **306** of arms **103** to each hinge extender **310** of seat portion **101**. In one embodiment, first portion **413** can each comprise a first end cap **417** and a male threaded portion **418**. In one embodiment, second portion **414** can each comprise a second end cap **419** and a female threaded portion **420**. In one embodiment, arms **103** can attach to seat portion **101** by: inserting second portion **414** through eye **415** and eye **416**, inserting male threaded portion **418** into female threaded portion **420**, rotating first portion **413** into second portion **414**, and holding a portion of second end **408** and first end **306** between first end cap **417** and second end cap **419**.

FIG. **5** illustrates a top rear perspective view of a shelter frame **500** with arms **103** and seat portion **101**. Shelter portion **102** can comprise shelter frame **500**. In one embodiment, shelter frame **500** can provide support and form to shelter portion **102**. In one embodiment, top **107** can comprise a canvas material. In one embodiment, top **107** can wrap around and over shelter frame **500**.

In one embodiment, each of rotating assemblies **108** can comprise a barrel hinge comprising one or more sectional barrels secured by a pivot. In one embodiment, shelter frame **500** can comprise a first sectional barrel **501***a* and a second sectional barrel **501***b* each comprising one of said sectional barrels of rotating assemblies **108**. In one embodiment, each of rotating assemblies **108** can comprise a sectional barrel **501**.

Shelter frame **500** can comprise two side portions **502** and a front portion **503**. In one embodiment, shelter frame **500** can comprise a substantially round cross-section. Side portions **502** can comprise a first side portion **502***a* and a second side portion **502***b*. Side portions **502** can each comprise a first end **504** and a second end **505**. First side portion **502***a* can comprise a first end **504***a* and a second end **505***a*. Second side portion **502***b* can comprise a first end **504***b* and a second end **505***b*. Front portion **503** can comprise a first end **506***a* and a second end **506***b*. In one embodiment, first sectional barrel **501***a* attaches to first end **504***a*, second end **505***a* attaches to first end **506***a*, second end **506***b* attaches to second end **505***b*, and first end **504***b* attaches to second sectional barrel **501***b*. In one embodiment, side portions **502** and front portion **503** can comprise a substantially U-shape.

FIG. **6** illustrates a rear perspective exploded view of rotating assembly **108***b*. In one embodiment, each of rotating assemblies **108** can comprise a sectional barrel **501**, a sectional barrel **601** and a pivot **602**. Pivot **602** can comprise a first pivot **602***a* and a second pivot **602***b*. Each of pivots **602** can comprise a first portion **603** and a second portion **604**. Each of sectional barrels **601** can comprise an eye **605**. Each of sectional barrels **501** can comprise an eye **606**. In one embodiment, the term "barrel" can comprise a component of a hinge that has a hollow cylinder shaped section where the rotational bearing force is applied to pivot **602**, and may also have a screw shaped section for fastening and/or driving pivot **602**. In one embodiment, eye **605** and eye **606** can comprise said hollow cylinder shaped section of said barrel. In one embodiment, sectional barrel **501** and sectional barrel **601** can comprise a cylindrical cross-section having a rounded external portion **607** and a two flat side portions **608**.

In one embodiment, pivot **602** can comprise a cylindrical body **609**, a first end cap **610**, a second end cap **611**, and a central axis **612**. In one embodiment, sectional barrels **501** and sectional barrels **601** can rotate on central axis **612** by inserting pivot **602** through eye **605** and eye **606** and holding sectional barrel **601** and sectional barrel **501** between first end cap **610** and second end cap **611**. In one embodiment, first portion **603** can comprise a female threaded portion **613**, and second portion **604** can comprise a male threaded portion **614**. In one embodiment, holding sectional barrel **601** and sectional barrel **501** can comprise: inserting first portion **603** through eye **605**, inserting second portion **604** through eye **606**, inserting male threaded portion **614** into female threaded portion **613**, and screwing male threaded portion **614** into female threaded portion **613** until secure.

FIGS. **7**A and **7**B illustrate a second side perspective view and a first side perspective view of first end cap **610** and second end cap **611**. Rotating assemblies **108** can comprise a first stopper **701** and a second stopper **702**. In one embodiment, shelter frame **500** can rotate upon pivot **602** relative to sectional barrels **601** on central axis **612** with sectional barrels **501**. In one embodiment, each of first end caps **610** can comprise a slot **703**. In one embodiment, each of second end cap **611** can comprise a slot **704**. In one embodiment, opposing rotary forces can be allied to second portion **604** and first portion **603** as male threaded portion **614** is screwed into female threaded portion **613** by inserting a driving instrument (such as screw drivers) into slot **703** and slot **704**.

FIGS. **8**A and **8**B illustrate a first side elevated view of second side portion **502***b* in an open position and a closed position, respectively. Shelter portion **102** can comprise said open position and said closed position; wherein, said open position can comprise shelter portion **102** rotated above user **111** of personal weather shelter **100**, and said closed position can comprise shelter portion **102** prepared for storage and transport (discussed infra). In one embodiment, sectional barrel **501** can rotate on central axis **612**, relative to sectional barrel **601**, through an angular range **801** between a first position **802** and a second position **803**. In one embodiment, first position **802** can comprise a position of side portions **502** pressed against first stopper **701**. In one embodiment, second position **803** can comprise a position of side portions **502** pressed against second stopper **702**.

FIGS. **9**A and **9**B illustrate personal weather shelter **100** transitioning between an open configuration and a closed configuration. In one embodiment, transitioning between said open configuration and said closed configuration can comprise: rotating shelter portion **102** from said open posi-

tion to said closed position, contracting said arms **103** from said extended configuration to said contracted configuration, and rotating said arms **103** from open position **404** to closed position **405**.

In one embodiment, personal weather shelter **100** can be used with shelter portion **102** in said closed position. For example, rotating shelter portion **102** into said closed position may provide shade where a light source is behind user **111**. In one embodiment, personal weather shelter **100** can further be used with shelter portion **102** in said closed position and arms **103** in said contracted configuration. For example, in one embodiment, personal weather shelter **100** can be used where user **111** is not in need of shade or shelter, only comfort from seat portion **101** and seat back **106**.

FIGS. **10**A, **10**B and **10**C illustrate a rear first side perspective view, a top elevated view and second side elevated view of personal weather shelter **100** in said closed configuration. In one embodiment, personal weather shelter **100** can fold up for easy transportation in said closed configuration. In one embodiment, personal weather shelter **100** can easily expand into said open configuration for use. In one embodiment, grip **109** can be used as a handle for carrying personal weather shelter **100** in said closed configuration. In one embodiment, personal weather shelter **100** can further comprise one or more straps **1000** to hold it in said closed configuration by wrapping said straps **1000** around seat portion **101**, shelter portion **102**, and arms **103**. Strap **1000** can comprise a first strap **1001** and a second strap **1002**. First strap **1001** can comprise a first end **1003** and a second end **1004**. Second strap **1002** can comprise a first end **1005** and a second end **1006**. In one embodiment, straps **1000** are capable of holding personal weather shelter **100** in said closed configuration by: securing first end **1003** and first end **1005** to bottom **217** of seat portion **101**; wrapping second end **1004** around first side **303***a*, first arm **103***a*, and a portion of shelter portion **102**; wrapping second end **1006** around second side **303***b*, second arm **103***b*, and a portion of shelter portion **102**; and securing first end **1003** to first end **1005**.

FIG. **10**D illustrates a top perspective view of strap **1000**. In one embodiment, strap **1000** can comprise a set of hook-and-loop fasteners comprising a first portion **1008** and a second portion **1009**. In one embodiment, first portion **1008** can attach to a bottom side of second end **1004**, second portion **1009** can attach to a top side of second end **1006**. In one embodiment, securing first end **1003** to first end **1005** can comprise pressing first portion **1008** against second portion **1009**.

FIG. **11** illustrates personal weather shelter **100** in said open configuration and in use. In one embodiment, personal weather shelter **100** can provide shade and shelter from sun, rain, wind, snow, sleet, or similar to user **111**.

FIG. **12** illustrates personal weather shelter **100** with a curtain **1200**. In one embodiment, top **107** of shelter portion **102** can comprise a curtain **1200**. In one embodiment, curtain **1200** can drape over shelter portion **102** and hang down around user **111**. In one embodiment, curtain **1200** can attach to a side portion of shelter portion **102** with an attaching means such as a set of hook-and-loop fasteners **1201**, buttons, or similar. In another embodiment, curtain **1200** can comprise a portion of top **107** which folds up and when not in use or when personal weather shelter **100** is in said closed configuration.

Various changes in the details of the illustrated operational methods are possible without departing from the scope of the following claims. Some embodiments may combine the activities described herein as being separate steps. Similarly, one or more of the described steps may be omitted, depending upon the specific operational environment the method is being implemented in. It is to be understood that the above description is intended to be illustrative, and not restrictive. For example, the above-described embodiments may be used in combination with each other. Many other embodiments will be apparent to those of skill in the art upon reviewing the above description. The scope of the invention should, therefore, be determined with reference to the appended claims, along with the full scope of equivalents to which such claims are entitled. In the appended claims, the terms "including" and "in which" are used as the plain-English equivalents of the respective terms "comprising" and "wherein."

The invention claimed is:

1. A personal weather shelter comprising a seat portion, a shelter portion, one or more arms, one or more screw assemblies, and one or more rotating assemblies; wherein,

said seat portion comprises a base, a seat back, a front, a back, a first side, a second side, a top and a bottom;

said first side and said second side can each comprise a front end and a back end;

said arms each comprise a first end and a second end;

said first ends of said arms each attach to said seat portion with said screw assemblies;

said arms are each capable of rotating on said screw assemblies relative to said seat portion;

said second ends of said arms each attach to said shelter portion with said rotating assemblies;

said shelter portion is capable of rotating on said rotating assemblies relative to said arms;

said personal weather shelter is capable of transitioning between an open configuration and a closed configuration by rotating arms about screw assemblies and shelter portion about rotating assemblies; and further comprising two hinge extenders; wherein:

said hinge extenders each comprise a first end and a second end;

said hinge extenders comprise a first extender and a second extender;

said first extender attaches to a first side of said back of said seat portion;

said second extender attaches to a second side of said back of said seat portion;

said second ends of said hinge extenders each comprise an eye;

said first end of each of said arms comprise an eye;

said screw assemblies each comprise a first portion and a second portion;

said first portion of said screw assemblies comprises a first end cap and a male threaded portion;

said second portion of said screw assemblies comprises a second end cap and a female threaded portion; and

said arms can each attach to said seat portion by

inserting said second portion through said eye of said arms and then through said eye of said hinge extenders,

inserting said male threaded portion of said screw assembly into said female threaded portion of said screw assembly,

rotating said first portion into said second portion of said screw assembly, and

holding a portion of said first end of said arms and said second ends of said hinge extenders between said first end cap and said second end cap of said screw assemblies.

2. The personal weather shelter of claim **1** wherein

said arms comprise a plurality of telescoping portions having a cylindrical cross-section, and

said plurality of telescoping portions are capable of extending and contracting within one another to an extended configuration and a contracted configuration.

3. The personal weather shelter of claim **2** wherein

said extend configuration comprises said plurality of telescoping portions extending to a maximum length; and

said contracted configuration comprises said plurality of telescoping portions contracting to a minimum length.

4. The personal weather shelter of claim **2** wherein:

said plurality of telescoping portions of each of said arms each comprise a first portion, a second portion, and a third portion;

said first portions comprise a first end and a second end;

said second portions comprise a first end and a second end;

said third portions comprise a first end and a second end;

said first ends of said first portions attach to said screw assemblies;

said first portions comprise an external cylinder of said telescoping portions capable of receiving said second portions;

said third portion can comprise an internal cylinder of said telescoping portions;

said second portions slide in and out of said first portions; and

said third portions slide in and out of said second portions.

5. The personal weather shelter of claim **1** wherein

said arms comprise a first arm and a second arm,

said first arm attaches to said first side of said seat portion with a first screw assembly, and

said second arm attaches to said second side of said seat portion with a second screw assembly.

6. The personal weather shelter of claim **5** wherein

said seat back comprises a middle portion and two end portions;

said end portions comprise a first end portion and a second end portion;

said first end portion attaches to said first arm and said second end portion attaches to said second arm; and

said middle portion extends between said arms and is capable of providing back support to a user of said personal weather shelter.

7. The personal weather shelter of claim **6** wherein said end portions of said seat back attach to said arms by wrapping around said arms and securing said end portions to said arms with a plurality of pins.

8. The personal weather shelter of claim **1** wherein said seat portion comprises a seat cushion on top of said base; further wherein,

said base is capable of stacking on a stadium bench and

said seat cushion is capable of supporting a user of said personal weather shelter sitting upon said seat portion.

9. The personal weather shelter of claim **1** wherein said seat portion further comprises a grip capable of holding said personal weather shelter on a stadium bench by

stacking said base of said seat portion on said stadium bench,

wrapping grip around a front portion of said stadium bench, and

preventing personal weather shelter from sliding backward on said personal weather shelter when a user sits on said personal weather shelter.

10. The personal weather shelter of claim **1** wherein

said screw assemblies comprise a central axis, and

said arms rotate relative to said seat portion about said central axis on said screw assemblies.

11. The personal weather shelter of claim **10** wherein

said arms are capable of rotating on said screw assemblies relative to said seat portion through a range of positions comprising an open position and a closed position; and

said arms each comprise a lower portion below said eye of said arms; further wherein,

rotating said arms into said open position comprises rotating said arms relative to said seat portion until said lower portions of said arms press into said back of said seat portion, and

rotating said arms into said closed position comprises rotating said arms relative to said seat portion until a portion of said arms press into said seat portion.

12. The personal weather shelter of claim **1** wherein

said shelter portion further comprises a curtain; and

said curtain attaches about a perimeter of said shelter portion and hangs down around a user of said personal weather shelter.

13. The personal weather shelter of claim **1** wherein

said open configuration comprises

said arms in an extended configuration,

said rotating assemblies rotated into an open position, and

said screw assembly rotated into an open position; and,

said closed configuration comprises

said arms in an contracted configuration,

said rotating assemblies rotated into a closed position, and

said screw assembly rotated into a closed position.

14. The personal weather shelter of claim **13** further comprising a strap, wherein

said arms comprise a first arm and a second arm;

said straps comprise a first strap and a second strap;

each of said first strap and said second strap comprise a first end and a second end; and,

said straps are capable of holding said personal weather shelter in said closed configuration by:

securing said first end of said first strap to said bottom of said seat portion;

securing said first end of said second strap to said bottom of said seat portion;

wrapping said second end of said first strap around said first side of said seat portion, said first arm, and a portion of said shelter portion;

wrapping said second end of said second strap around said second side of said seat portion, said second arm, and a portion of said shelter portion; and

securing said second end of said first strap to said second end of said second strap.

15. A personal weather shelter comprising a seat portion, a shelter portion, one or more arms, one or more screw assemblies, and one or more rotating assemblies; wherein,

said seat portion comprises a base, a seat back, a front, a back, a first side, a second side, a top and a bottom;

said first side and said second side can each comprise a front end and a back end;

said arms each comprise a first end and a second end;

said first ends of said arms each attach to said seat portion with said screw assemblies;

said arms are each capable of rotating on said screw assemblies relative to said seat portion;

said second ends of said arms each attach to said shelter portion with said rotating assemblies;

said shelter portion is capable of rotating on said rotating assemblies relative to said arms;

said personal weather shelter is capable of transitioning between an open configuration and a closed configura-

tion by rotating arms about screw assemblies and shelter portion about rotating assemblies;

said seat portion further comprises a grip capable of holding said personal weather shelter on a stadium bench by

stacking said base of said seat portion on said stadium bench,

wrapping grip around a front portion of said stadium bench,

preventing personal weather shelter from sliding backward on said personal weather shelter when a user sits on said personal weather shelter;

said shelter portion comprises a shelter frame and a top;

said shelter frame attaches to said rotating assemblies;

said top wraps around and over said shelter frame;

said shelter frame comprises two side portions and a front portion;

said side portions comprise a first side portion and a second side portion;

each of said side portions comprise a first end and a second end;

said front portion comprises a first end and a second end;

said second end of said first side portion attaches to said first end of said front portion;

said second end of said second side portion attaches to said second end of said front portion;

said first ends of said side portions attach to said rotating assemblies;

said rotating assemblies attach to said second ends of said arms;

said arms comprise a first arm and a second arm;

said rotating assemblies each comprise a barrel hinge having one or more sectional barrels secured by a pivot;

said first ends of said side portions each comprise a sectional barrel;

said second ends of said arms each comprise a sectional barrel;

said sectional barrel of said first side portion is secured to said sectional barrel of said first arm with a first pivot;

said section barrel of said second side portion is secured to said section barrel of said second arm with a second pivot;

said pivots each comprise a first portion and a second portion;

said first portion of said pivots comprise a first end cap at one end and a female threaded portion at another end;

said second portion of said pivots comprise a second end cap at one end and a male threaded portion at another end;

said sectional barrels each comprise an eye;

said eyes comprise a hollow cylinder capable of receiving said pivots; and

said first portions of each of said pivots attach to said second portions of each of said pivots by screwing said male threaded portion into said female threaded portion; and

said pivots hold said section barrels between said first end cap and said second end cap by

inserting said first portion through said section barrels,

inserting said second portion through another end of said section barrels, and

attaching said first portion to said second portion.

16. A personal weather shelter comprising a seat portion, a shelter portion, one or more arms, one or more screw assemblies, and one or more rotating assemblies; wherein,

said seat portion comprises a base, a seat back, a front, a back, a first side, a second side, a top and a bottom;

said first side and said second side can each comprise a front end and a back end;

said arms each comprise a first end and a second end;

said first ends of said arms each attach to said seat portion with said screw assemblies;

said arms are each capable of rotating on said screw assemblies relative to said seat portion;

said second ends of said arms each attach to said shelter portion with said rotating assemblies;

said shelter portion is capable of rotating on said rotating assemblies relative to said arms;

said personal weather shelter is capable of transitioning between an open configuration and a closed configuration by rotating arms about screw assemblies and shelter portion about rotating assemblies;

said seat portion further comprises a grip capable of holding said personal weather shelter on a stadium bench by

stacking said base of said seat portion on said stadium bench,

wrapping grip around a front portion of said stadium bench,

preventing personal weather shelter from sliding backward on said personal weather shelter when a user sits on said personal weather shelter;

said shelter portion comprises a shelter frame and a top;

said shelter frame attaches to said rotating assemblies;

said top wraps around and over said shelter frame;

said shelter frame comprises two side portions and a front portion;

said side portions comprise a first side portion and a second side portion;

each of said side portions comprise a first end and a second end;

said front portion comprises a first end and a second end;

said second end of said first side portion attaches to said first end of said front portion;

said second end of said second side portion attaches to said second end of said front portion;

said first ends of said side portions attach to said rotating assemblies;

said rotating assemblies attach to said second ends of said arms;

said arms comprise a first arm and a second arm;

said rotating assemblies each comprise a barrel hinge having one or more sectional barrels secured by a pivot;

said first ends of said side portions each comprise a sectional barrel;

said second ends of said arms each comprise a sectional barrel;

said sectional barrel of said first side portion is secured to said sectional barrel of said first arm with a first pivot;

said section barrel of said second side portion is secured to said section barrel of said second arm with a second pivot;

said shelter frame can rotate on said rotating assemblies through an angular range relative to said arms; further wherein,

said angular range comprises a first position and a second position;

said first position comprises a position of said shelter frame pressed against a first stopper on said section barrel of said second ends of said arms;

said second position comprise a position of said shelter frame pressed against a second stopper on said section barrel of said second ends of said arms;

said first position comprises said shelter portion in an open position rotated above a user of said personal weather shelter; and

said second position comprises said shelter portion in a closed position rotated back and prepared for storage and transport.

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